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TITLE: Electromotor-worm reduction gear assembly

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INVENTOR-INFORMATION:

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ABSTRACT:

The system has a housing containing an electric motor followed by a worm drive with a worm wheel and worm shaft (16) and two axial bearings for the shaft.

The worm shaft forms an armature shaft of the electric motor and at least one axial bearing is mounted inside a hollow pot-shaped protrusion with a base (19). The base consists of a plastically deformable material and has an essentially button shaped deformation facing towards the worm shaft and forming a shoulder (24) for an axial bearing. The deformation is formed in the base after installation of the worm shaft in the housing.